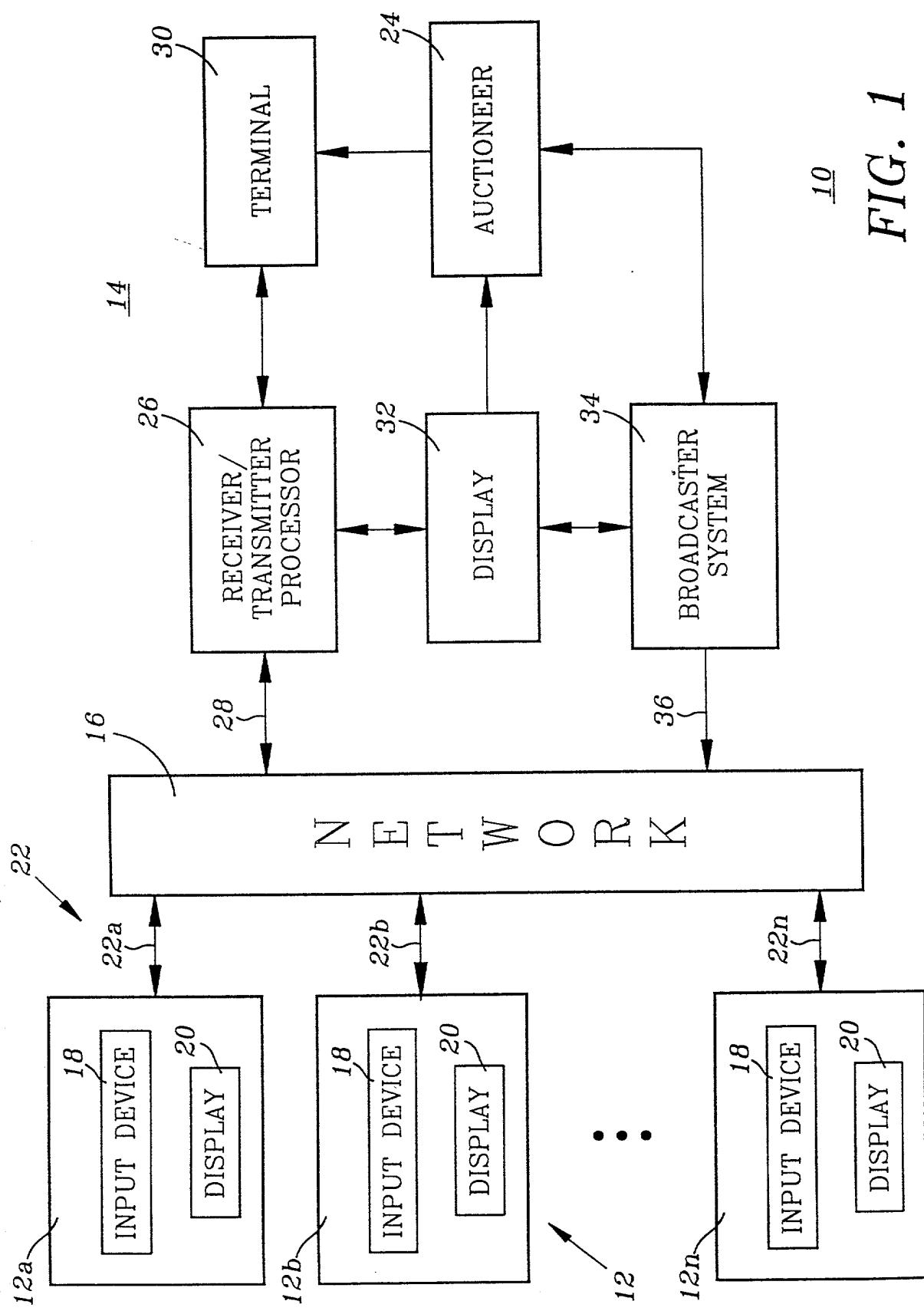
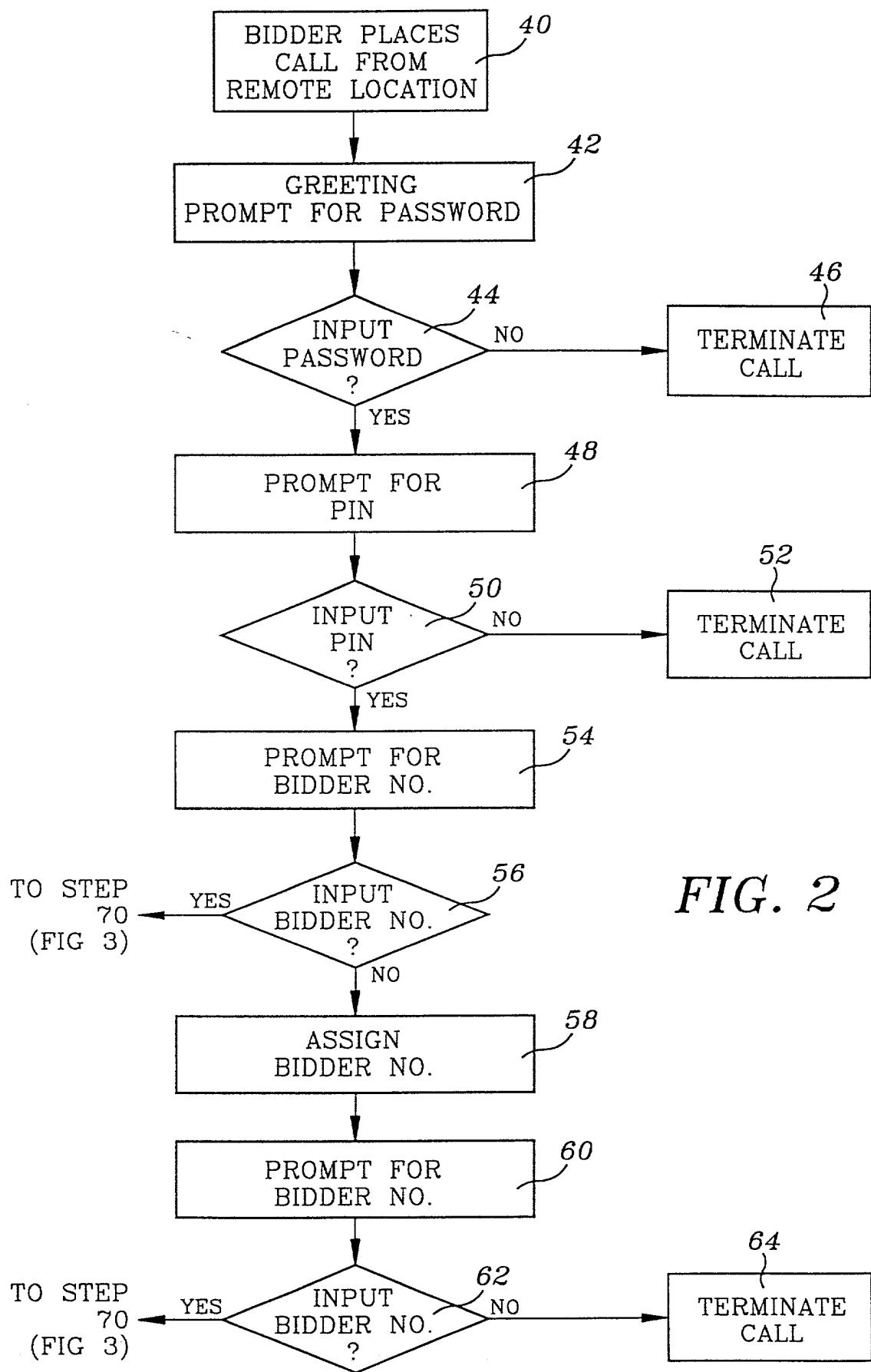
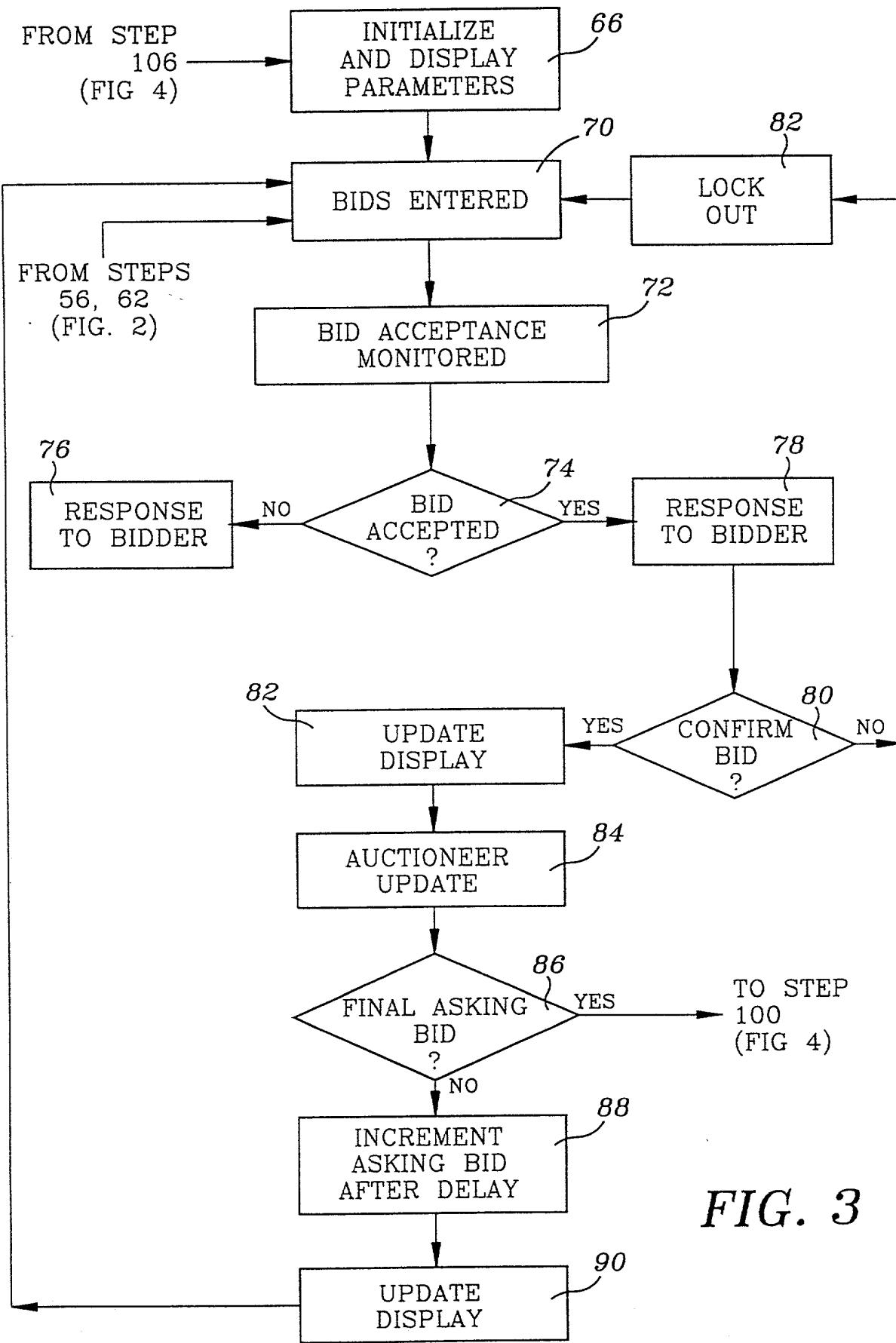


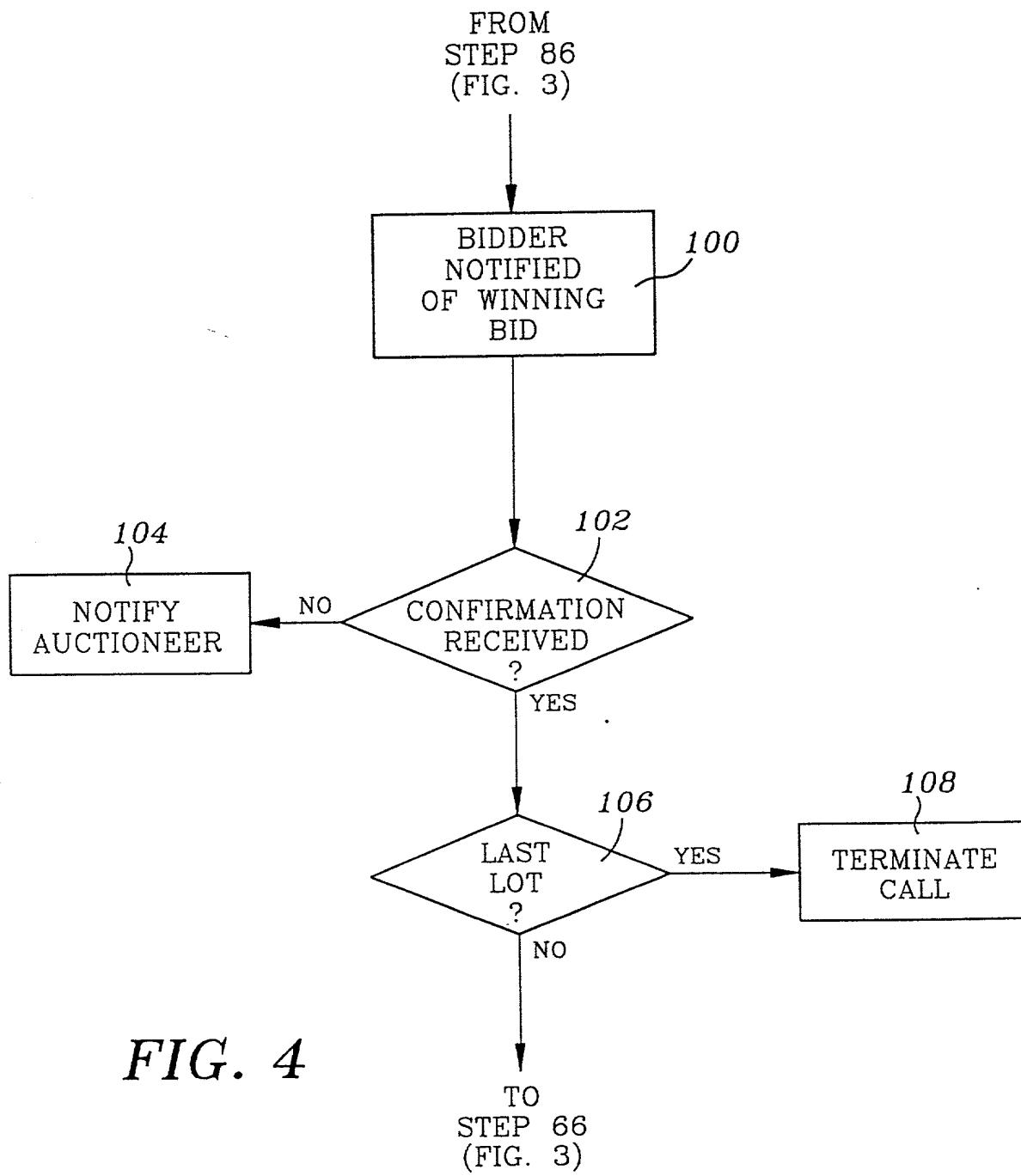
FIG. 1







*FIG. 3*



*FIG. 4*

BidCatcher Software Diagram

## Network diagram

June 2001

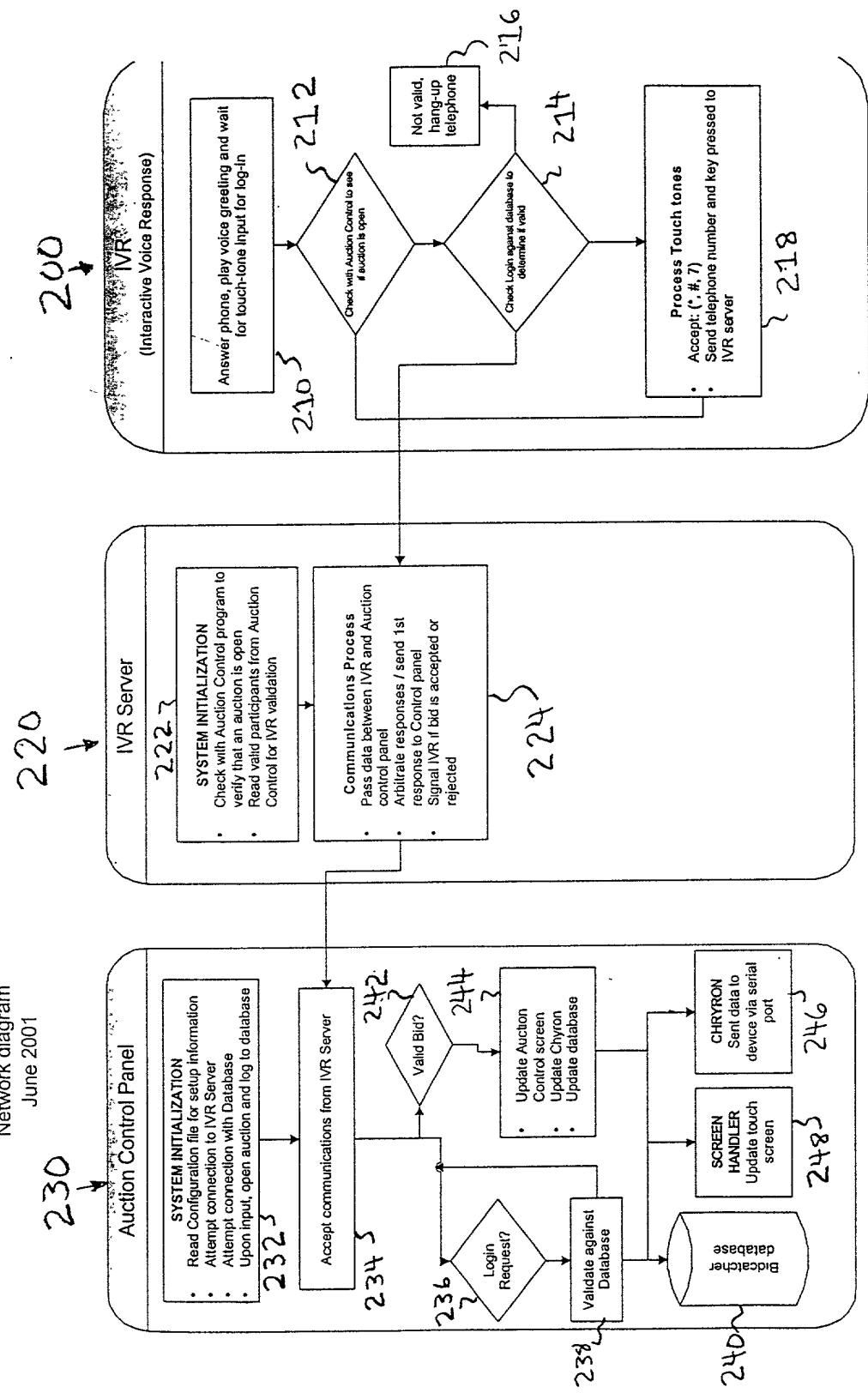


Figure 6

## BidCatcher Software Diagram

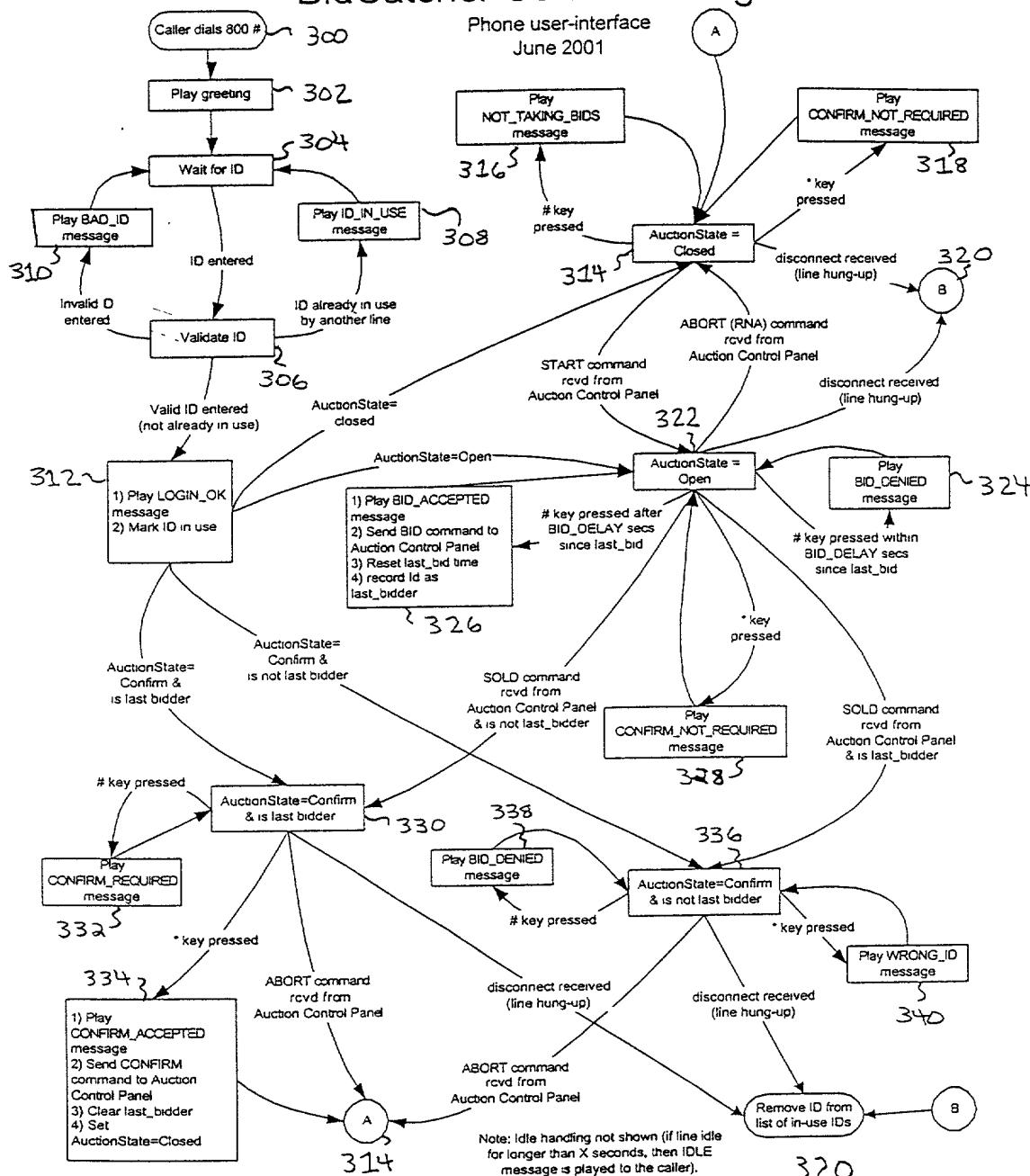


Figure 7

BidCatcher Software Diagram

Event Flows - June 2001

Voice Ga

**Event Flows - June 2001**

This sequence diagram illustrates the flow of events between five components: Phone (multiple), Voice Gateway, Collector, Auction Control Panel, and Chyron.

- Phone (multiple) to Voice Gateway:**
  - 410 ~ Dial 800 # → 412 ~ Play Greeting
  - 415 ~ Enter ID → 416 ~ Send LOGON command
  - 417 ~ Press # key → 418 ~ Send BID command
  - 418 ~ Press \* key → 419 ~ Send NOT\_TAKING\_BIDS response
  - 420 ~ Press # key → 421 ~ Send CONFIRM command
  - 421 ~ Press \* key → 422 ~ Send CONFIRM NOT REQUIRED response
  - 423 ~ Press # key → 424 ~ Send BID command
  - 424 ~ Press \* key → 425 ~ Send BID ACCEPTED response
  - 426 ~ Press # key within BID\_DELAY seconds since last # key pressed (on any phone) → 427 ~ Send CONFIRM command
  - 427 ~ Press \* key by caller who is not last bidder → 428 ~ Send BID command
  - 428 ~ Press # key by caller who is not last bidder → 429 ~ Send BID DENIED response
  - 429 ~ Press \* key by caller who is last bidder → 430 ~ Send CONFIRM command
  - 430 ~ Press \* key by caller who is not last bidder → 431 ~ Send BID command
  - 431 ~ Press # key by caller who is last bidder → 432 ~ Send BID DENIED response
  - 432 ~ Press \* key by caller who is not last bidder → 433 ~ Send CONFIRM command
  - 433 ~ Press # key by caller who is last bidder → 434 ~ Send CONFIRM REQUIRED response
  - 434 ~ Press \* key by caller who is not last bidder → 435 ~ Send BID command
  - 435 ~ Press # key by caller who is last bidder → 436 ~ Send CONFIRM\_WRONG\_ID response
  - 436 ~ Press \* key by caller who is not last bidder → 437 ~ Send disconnect command
  - 437 ~ caller hangs up → 438 ~
- Voice Gateway to Phone (multiple):**
  - 412 ~ Send BID\_DELAY command
  - 416 ~ Send LOGIN\_OK, or BAD\_ID, or ID\_IN\_USE response
  - 418 ~ Send NOT\_TAKING\_BIDS response
  - 419 ~ Send START command
  - 421 ~ Send CONFIRM command
  - 422 ~ Send CONFIRM NOT REQUIRED response
  - 424 ~ Send BID command
  - 425 ~ Send BID ACCEPTED response
  - 427 ~ Send CONFIRM command
  - 428 ~ Send BID command
  - 429 ~ Send BID DENIED response
  - 430 ~ Send CONFIRM command
  - 431 ~ Send BID command
  - 432 ~ Send BID DENIED response
  - 433 ~ Send CONFIRM command
  - 434 ~ Send CONFIRM REQUIRED response
  - 435 ~ Send BID command
  - 436 ~ Send CONFIRM\_WRONG\_ID response
  - 437 ~ Send disconnect command
- Collector to Auction Control Panel:**
  - 410 ~ Send PARTICIPANTS command
  - 415 ~ Send BID command
  - 420 ~ Send BID command
  - 425 ~ Send BID command
  - 430 ~ Send BID command
  - 435 ~ Send BID command
- Auction Control Panel to Collector:**
  - 415 ~ Send chyron update commands
  - 419 ~ Send chyron update commands
  - 424 ~ Send chyron update commands
  - 428 ~ Send chyron update commands
  - 430 ~ Send chyron update commands
  - 436 ~ Send chyron update command to display "closing" message
  - 437 ~ Send chyron update command to display "sold" message
- Chyron to Auction Control Panel:**
  - 410 ~
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